

ABSTRACT OF THE DISCLOSURE

A novel lighting assembly that incorporates a high brightness light emitting diode (LED) in a compact assembly for further integration into a lighting device is provided. The lighting head assembly of the present invention provides several novel aspects that are all closely integrated to provide a unique assembly for incorporating a high brightness LED into a lighting device. In particular, the head assembly utilizes a two part contact plunger wherein the inner portion of the plunger is electrically conductive and the outer portion of the plunger is non-conductive and includes an aperture therein. The aperture is sized to allow the smaller, positive battery contact to pass through and contact the inner portion while preventing the larger negative battery contact from reaching the inner portion. This configuration thereby prevents the device from activating if the battery is installed in the reverse polarity.